Section 1. Registration Information

Source Identification

Facility Name:	McLane Distribution Services
Parent Company #1 Name:	McLane Company, Inc.
Parent Company #2 Name:	

Submission and Acceptance

Submission Type:	Re-submission
Subsequent RMP Submission Reason:	5-year update (40 CFR 68.190(b)(1))
Description:	
Receipt Date:	04-Oct-2022
Postmark Date:	04-Oct-2022
Next Due Date:	04-Oct-2027
Completeness Check Date:	31-Oct-2022
Complete RMP:	Yes
De-Registration / Closed Reason:	
De-Registration / Closed Reason Other Text:	
De-Registered / Closed Date:	
De-Registered / Closed Effective Date:	
Certification Received:	

Facility Identification

EPA Facility Identifier:	1000 0021 7525
Other EPA Systems Facility ID:	
Facility Registry System ID:	

Dun and Bradstreet Numbers (DUNS)

Facility DUNS:	
Parent Company #1 DUNS:	
Parent Company #2 DUNS:	

Facility Location Address

Street 1:	742 Courses Landing Road
Street 2:	
City:	Carneys Point
State:	NEW JERSEY
ZIP:	08069
ZIP4:	
County:	SALEM

Facility Latitude and Longitude

Latitude (decimal):	39.686222
Longitude (decimal):	-075.43028
Lat/Long Method:	Interpolation - Photo
Lat/Long Description:	Center of Facility
Horizontal Accuracy Measure:	25
Horizontal Reference Datum Name:	North American Datum of 1983
Source Map Scale Number:	24000

Owner or Operator

Operator Name:	McLane Company, Inc.
Operator Phone:	(254) 742-3462

Mailing Address

Operator Street 1:	4747 McLane Parkway
Operator Street 2:	
Operator City:	Temple
Operator State:	TEXAS
Operator ZIP:	76503
Operator ZIP4:	
Operator Foreign State or Province:	
Operator Foreign ZIP:	
Operator Foreign Country:	

Name and title of person or position responsible for Part 68 (RMP) Implementation

RMP Name of Person:	Mike Connolly
RMP Title of Person or Position:	General Manager
RMP E-mail Address:	Michael.Connolly@mclaneco.com

Emergency Contact

Emergency Contact Name:	Mike Connolly
Emergency Contact Title:	General Manager
Emergency Contact Phone:	(856) 469-3409
Emergency Contact 24-Hour Phone:	(856) 351-6201
Emergency Contact Ext. or PIN:	
Emergency Contact E-mail Address:	michael.connolly@mclaneco.com

Other Points of Contact

Facility or Parent Company E-mail Address:	
Facility Public Contact Phone:	
Facility or Parent Company WWW Homepage Address:	

Local Emergency Planning Committee

LEPC:	Carney's Point Twp LEPC

Full Time Equivalent Employees

Number of Full Time Employees (FTE) on Site:	468
FTE Claimed as CBI:	

Covered By

OSHA PSM :	Yes
EPCRA 302 :	Yes
CAA Title V:	

Air Operating Permit ID:

OSHA Ranking

OSHA Star or Merit Ranking:

Last Safety Inspection

Last Safety Inspection (By an External Agency) Date:	07-Dec-2021
Last Safety Inspection Performed By an External Agency:	Fire Department

Predictive Filing

Did this RMP involve predictive filing?:

Preparer Information

Preparer Name:
Preparer Phone:
Preparer Street 1:
Preparer Street 2:
Preparer City:
Preparer State:
Preparer ZIP:
Preparer ZIP4:
Preparer Foreign State:
Preparer Foreign Country:
Preparer Foreign ZIP:

Confidential Business Information (CBI)

CBI Claimed:
Substantiation Provided:
Unsanitized RMP Provided:

Reportable Accidents

Reportable Accidents:	See Section 6. Accident History below to determine if there were any accidents reported for this RMP.

Process Chemicals

Process ID:	1000127049
Description:	
Process Chemical ID:	1000159011
Program Level:	Program Level 3 process
Chemical Name:	Ammonia (anhydrous)
CAS Number:	7664-41-7
Quantity (lbs):	9400
CBI Claimed:	
Flammable/Toxic:	Toxic

Process NAICS

Process ID:	1000127049
Process NAICS ID:	1000128442
Program Level:	Program Level 3 process
NAICS Code:	42441
NAICS Description:	General Line Grocery Merchant Wholesalers

Section 2. Toxics: Worst Case

Toxic Worst ID: 1000102663

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP Guidance for Warehouses Reference Tables or Equations
Release Duration (mins):	10
Wind Speed (m/sec):	1.5
Atmospheric Stability Class:	F
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	Dump system into stormwater retention area

Toxic Worst ID: 1000102664

Percent Weight:	
Physical State:	Gas liquified by pressure
Model Used:	EPA's RMP Guidance for Warehouses Reference Tables or Equations
Release Duration (mins):	10
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	

Section 3. Toxics: Alternative Release

Toxic Alter ID: 1000109035

Percent Weight:	99.0
Physical State:	Gas liquified by pressure
Model Used:	Areal Locations of Hazardous Atmospheres [ALOHA(R)]
Wind Speed (m/sec):	3.0
Atmospheric Stability Class:	D
Topography:	Rural

Passive Mitigation Considered

Dikes:	
Enclosures:	
Berms:	
Drains:	
Sumps:	
Other Type:	Dump system into stormwater retention area

Active Mitigation Considered

Sprinkler System:	
Deluge System:	
Water Curtain:	
Neutralization:	Yes
Excess Flow Valve:	
Flares:	
Scrubbers:	
Emergency Shutdown:	Yes
Other Type:	

Section 4. Flammables: Worst Case

No records found.

Section 5. Flammables: Alternative Release

No records found.

Section 6. Accident History

No records found.

Section 7. Program Level 3

Description

SRV 5 year change out policy, physically logged vitals; printouts filed 5 years; compressor- 220 cutout

Program Level 3 Prevention Program Chemicals

Prevention Program Chemical ID:	1000137337
Chemical Name:	Ammonia (anhydrous)
Flammable/Toxic:	Toxic
CAS Number:	7664-41-7
Process ID:	1000127049
Description:	
Prevention Program Level 3 ID:	1000109478
NAICS Code:	42441

Safety Information

Safety Review Date (The date on which the safety information was last reviewed or revised):	03-Nov-2021

Process Hazard Analysis (PHA)

PHA Completion Date (Date of last PHA or PHA update):	23-Apr-2018

The Technique Used

What If:	Yes
Checklist:	
What If/Checklist:	
HAZOP:	
Failure Mode and Effects Analysis:	
Fault Tree Analysis:	
Other Technique Used:	
PHA Change Completion Date (The expected or actual date of completion of all changes resulting from last PHA or PHA update):	31-Dec-2023

Major Hazards Identified

Toxic Release:	Yes
Fire:	
Explosion:	
Runaway Reaction:	
Polymerization:	
Overpressurization:	
Corrosion:	
Overfilling:	Yes
Contamination:	
Equipment Failure:	Yes
Loss of Cooling, Heating, Electricity, Instrument Air:	

Earthquake:
Floods (Flood Plain):
Tornado:
Hurricanes:
Other Major Hazard Identified:

Process Controls in Use

Vents:	Yes
Relief Valves:	Yes
Check Valves:	Yes
Scrubbers:	
Flares:	
Manual Shutoffs:	
Automatic Shutoffs:	Yes
Interlocks:	Yes
Alarms and Procedures:	Yes
Keyed Bypass:	
Emergency Air Supply:	
Emergency Power:	Yes
Backup Pump:	
Grounding Equipment:	
Inhibitor Addition:	
Rupture Disks:	
Excess Flow Device:	
Quench System:	
Purge System:	
None:	
Other Process Control in Use:	

Mitigation Systems in Use

Sprinkler System:	
Dikes:	
Fire Walls:	
Blast Walls:	
Deluge System:	
Water Curtain:	
Enclosure:	
Neutralization:	Yes
None:	
Other Mitigation System in Use:	

Monitoring/Detection Systems in Use

Process Area Detectors:	Yes
Perimeter Monitors:	
None:	
Other Monitoring/Detection System in Use:	

Changes Since Last PHA Update

Reduction in Chemical Inventory:
Increase in Chemical Inventory:
Change Process Parameters:

Installation of Process Controls:	
Installation of Process Detection Systems:	
Installation of Perimeter Monitoring Systems:	
Installation of Mitigation Systems:	
None Recommended:	
None:	Yes
Other Changes Since Last PHA or PHA Update:	

Review of Operating Procedures

Operating Procedures Revision Date (The date of the most recent review or revision of operating procedures):	08-Jan-2022

Training

Training Revision Date (The date of the most recent review or revision of training programs):	03-Jan-2022

The Type of Training Provided

Classroom:	Yes
On the Job:	Yes
Other Training:	NJ Gold Seal/Blue Seal Certified Technicians

The Type of Competency Testing Used

Written Tests:	Yes
Oral Tests:	
Demonstration:	
Observation:	
Other Type of Competency Testing Used:	

Maintenance

Maintenance Procedures Revision Date (The date of the most recent review or revision of maintenance procedures):	10-Jan-2022
Equipment Inspection Date (The date of the most recent equipment inspection or test):	10-Oct-2022
Equipment Tested (Equipment most recently inspected or tested):	All equipment tested prior to startup

Management of Change

Change Management Date (The date of the most recent change that triggered management of change procedures):	20-Jun-2022
Change Management Revision Date (The date of the most recent review or revision of management of change procedures):	12-Jul-2021

Pre-Startup Review

Pre-Startup Review Date (The date of the most recent pre-startup review):	20-Jun-2022

Compliance Audits

Compliance Audit Date (The date of the most recent compliance audit):	14-May-2022
Compliance Audit Change Completion Date (Expected or actual date of completion of all changes resulting from the compliance audit):	28-Dec-2023

Incident Investigation

Incident Investigation Date (The date of the most recent incident investigation (if any)):	
Incident Investigation Change Date (The expected or actual date of completion of all changes resulting from the investigation):	

Employee Participation Plans

Participation Plan Revision Date (The date of the most recent review or revision of employee participation plans):	24-Jan-2021

Hot Work Permit Procedures

Hot Work permit Review Date (The date of the most recent review or revision of hot work permit procedures):	24-Jan-2021

Contractor Safety Procedures

Contractor Safety Procedures Review Date (The date of the most recent review or revision of contractor safety procedures):	01-Oct-2020
Contractor Safety Performance Evaluation Date (The date of the most recent review or revision of contractor safety performance):	02-Mar-2022

Confidential Business Information

CBI Claimed:	

Section 8. Program Level 2

No records found.

Section 9. Emergency Response

Written Emergency Response (ER) Plan

Community Plan (Is facility included in written community emergency response plan?):	
Facility Plan (Does facility have its own written emergency response plan?):	Yes
Response Actions (Does ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?):	Yes
Public Information (Does ER plan include procedures for informing the public and local agencies responding to accidental release?):	Yes
Healthcare (Does facility's ER plan include information on emergency health care?):	Yes

Emergency Response Review

Review Date (Date of most recent review or update of facility's ER plan):	23-Jun-2021

Emergency Response Training

Training Date (Date of most recent review or update of facility's employees):	26-Oct-2022

Local Agency

Agency Name (Name of local agency with which the facility ER plan or response activities are coordinated):	Carneys Point Emergency Management
Agency Phone Number (Phone number of local agency with which the facility ER plan or response activities are coordinated):	(856) 299-1212

Subject to

OSHA Regulations at 29 CFR 1910.38:	Yes
OSHA Regulations at 29 CFR 1910.120:	Yes
Clean Water Regulations at 40 CFR 112:	
RCRA Regulations at CFR 264, 265, and 279.52:	
OPA 90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, or 30 CFR 254:	
State EPCRA Rules or Laws:	
Other (Specify):	

Executive Summary

Overview:
This facility is a NJ facility mandated to report Risk Management Planning to the state reporting agency of NJ as well as the U.S. Environmental Protection Agency per NJ state laws. This is not a new submission. The origonal was submited in 2004, with revisions and updates in 2006 and 2008. This facility has less that 10,000 lbs. on Anhydrous Ammonia on site (9400 lbs. total. They do have an active emergency action plan and follow as if they had 10,000 lbs.or more.

1. ACCIDENTAL RELEASE PREVENTION AND EMERGENCY RESPONSE POLICIES.

At this McLane Distribution Service, we utilize anhydrous ammonia that is considered hazardous by the Environmental Protection Agency (EPA). The properties that make ammonia valuable as a refrigerant also necessitate certain safety precautions. McLane strives to protect all its valuable resources and assets - both personnel and property. We live and have families in this community. We want to prevent exposure to all our personnel as well as nearby members of our community, existing natural resources, and the surrounding environment. It is our policy to comply with all Federal, State, and Local regulations. Through continual, accurate training and various safety devices and procedures, we work to minimize potential releases.

Our emergency response program has specific procedures for accidental releases of anhydrous ammonia as well as other emergencies. We work in conjunction with the Carneys Point Fire Department and the Salem County Local Emergency Management Committee (LEPC) to prepare for necessary notification of all affected neighbors.

2. THE STATIONARY SOURCE AND REGULATED SUBSTANCES HANDLED.

The primary purpose of our facility is the temporary storage of refrigerated and frozen foods. We utilize anhydrous ammonia as the primary means for refrigeration and freezing. An outside company is used to fill our main receiver tanks. Piping then carries the ammonia to the needed refrigeration or freezing units. Access to the site is restricted to facility employees, authorized management personnel and authorized contractors.

The regulated substance used at our facility is anhydrous ammonia. The maximum amount of ammonia stored at this facility is 9,400 pounds. We have the capacity for more but our policy is not to exceed IIAR recommendations.

3. THE WORST CASE RELEASE SCENARIO(S) AND THE ALTERNATIVE RELEASE SCENARIO(S), INCLUDING ADMINISTRATIVE CONTROLS AND MITIGATION MEASURES TO LIMIT THE DISTANCES FOR EACH REPORTED SCENARIO.

Worst Case Scenario
The worst-case scenario would be failure of our largest tank/recirculator. Our policy restricts the maximum capacity of this tank to 90% of capacity of the system. The maximum quantity stored in this receiver is 9,400 pounds. For the purposes of this worst case scenario, we assumed 10,000 pounds are stored on-site. It is assumed that the entire contents are released as a two-phase flow (gas and aerosol-ALOHA).
Note: Section 3 of the RMP*Submit Plan indicates total of 9,400 pounds of ammonia. This quantity was reported instead of 10,000 pounds due to errors generated by the RMP*Submit program. Quantity Released (Section 3, Item 2.5) must be reported less than or equal to quantity of Process Chemical (Section 1.17 Item c.3).
Distance to endpoint: 1.4 miles

Alternative Scenario
The alternative scenario would be the release of ammonia due to the failure of a pressure relief valve. The emergency valves shutdown release would engage and stop the flow and sounds an alarm. The monitoring system would alert personnel to manually shut the valve. The maximum time of the release would be 60 minutes and maximum quantity released would be approximately 1,539 pounds of ammonia.
Distance to endpoint: 0.29 miles (or 517 yards)

4. FIVE-YEAR ACCIDENT HISTORY.

This is a newly constructed facility that opened in April of 2004. To date, this McLane facility has not incurred a reportable release.

5. THE RMP MANAGEMENT PROGRAM.

The management of the RMP program will be handled by the Maintenance Manager. He/She will administrate in conjunction with the McLane management and personnel. Other entities or organizations that will be coordinated with include the Carneys Point Fire Department and the Salem County Local Emergency Planning Committee (LEPC).

6. THE GENERAL ACCIDENTAL RELEASE PREVENTION PROGRAM AND THE SPECIFIC PREVENTION STEPS.

This McLane facility complies with all applicable Federal, State and Local regulations including the EPA's Accidental Release Prevention Rule. Our personnel are trained about this during our Hazard Communications Training and through access to our Written Programs. Our Refrigeration Maintenance operators receive a combination of classroom and On-The-Job training (OJT). They are observed and are able to demonstrate proper job skills and knowledge. Also, the ammonia system is operated, tested and maintained to the standard of International Institute of Ammonia Refrigeration, the most stringent standards of the industry.

7. THE EMERGENCY RESPONSE PROGRAM.

We work very closely with the Salem County Emergency Planning Committee (LEPC) and the Carneys Point Fire Department on emergency preparedness. We meet periodically with representatives of each to address any changes in the facility or any new concerns.

8. PLANNED CHANGES TO IMPROVE SAFETY.

Currently, McLane trains and tests all refrigeration technicians. Our preventative maintenance program is above standard and our total ammonia Process Safety Program is reviewed annually and updated periodically. Our program is improved continuously through annual updated of our written program and annual training of our technicians. We also take advantage of new technologies when safer and more economical alternatives are available.

McLane implemented the IIAR training protocol for their refrigeration technicians. The program consists of classroom training, viewing various training/safety videos and written testing procedures. The training will be conducted on at least an annual basis.